

**Implantable biometric sensor and telemetry device**

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Inventor(s): BINDER JOSEF PROF DR RER NAT (DE); CLASBRUMMEL BERNHARD DR MED (DE); STEINAU HANS-ULRICH PROF DR ME (DE); ZACHEJA JOHANNES DR RER NAT (DE)

Applicant(s): BINDER JOSEF PROF DR RER NAT (DE); CLASBRUMMEL BERNHARD DR MED (DE); STEINAU HANS ULRICH PROF DR ME (DE); ZACHEJA JOHANNES DR RER NAT (DE)

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**Abstract**

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The implanted biometric telemetry device (5) allows placement of biometric sensors at a desired position in the body, due to its reduced dimensions, avoiding connections through the skin and hence avoiding bacterial infection risk. The sensors may measure pressure, temperature, flow, pH value and intra-body potentials and current. The sensors (6) communicate by telemetry (8) to an external receiver (2). Dimensions of the device (5) are less than 1.5mm x 1mm x 0.6mm. The device is powered from outside the body transmissions, and contains an antenna.

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